

MAY 16 2005

CONFIDENTIAL FACSIMILE



SAN DIEGO

FACSIMILE TRANSMITTAL SHEET

TO: COMMISSIONER FOR PATENTS

FROM: DAVID WEITZ

General Counsel & V.P. of I.P.

FAX NUMBER: (703) 872-9306

DATE: MAY 16, 2005

COMPANY: U.S. PATENT AND TRADEMARK  
OFFICE

TOTAL NO. OF PAGES INCLUDING COVER:

18

PHONE NUMBER:

SENDER'S PHONE NUMBER:

(858) 731-3508

RE: RESPONSE - U.S. APPLICATION SERIAL  
NO. 09/848,868

SENDER'S FAX NUMBER:

(858) 550-9089

☐ URGENT ☐ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS:

**Confidentiality Notice:** This facsimile is for the sole use of the intended recipient(s) and may contain information that is confidential, privileged or otherwise protected from disclosure. Any unauthorized review, use, disclosure, copying or distribution by anyone other than the intended recipient(s) is prohibited. If you are not an intended recipient, please contact the sender immediately by phone and return the facsimile by mail to the address indicated below.

10410 SCIENCE CENTER DRIVE • SAN DIEGO, CA 92121  
PHONE: (858) 731-3508 • FAX: (858) 550-9089

PTO/SB/21 (05-03)

Approved for use through 04/30/2003, OMB 0851-0031  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paper Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/849,866	
	Filing Date	May 4, 2001	
	First Named Inventor	Duncan McRee et al.	
	Art Unit	1631	
	Examiner Name	Michael L. Borin	
Total Number of Pages in This Submission	17	Attorney Docket Number	SYRTECH-5001-U

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks Although Applicants do not believe any fees are required, the Commissioner is authorized to charge any fees required by the filing of these papers to Takeda San Diego's Deposit Account No. 50-2256.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Takeda San Diego, Inc.
Signature	David J. Weitz
Date	May 16, 2005

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted (703) 872-9306 to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Type or printed	David J. Weitz	Date	May 16, 2005
Signature	David J. Weitz		

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

In you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

U.S. Application Serial No. 09/848,866  
Amendment dated May 16, 2005  
in response to Office Action mailed April 19, 2005

Docket No. SYRTECH 5001-U

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

Duncan McRee et al.

Application No.: 09/848,866

Filed: May 4, 2001

Title: DETERMINING STRUCTURES BY  
PERFORMING COMPARISONS  
BETWEEN MOLECULAR  
REPLACEMENT RESULTS FOR  
MULTIPLE DIFFERENT  
BIOMOLECULES

Group Art Unit: 1631

Examiner: Borin, Michael L.

**RESPONSE TO FINAL OFFICE ACTION**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to Examiner's Final Office Action dated April 19, 2005, Applicants respectfully request reconsideration of the above-referenced application in view of the following remarks.

**AMENDED SECTIONS**

X Claims appear at pages 2-12

**REMARKS/ARGUMENTS**

X Remarks / Arguments appear at pages 13-16